

Serial No.: 09/543,236

Attorney Docket No: MCS-008-00

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enter the  
Amend.  
req.*  
5-27-04  
**IN THE CLAIMS**

Please amend claims 2, 3 and 18.

Please cancel claims 1, 12-17, 19 and 20 without prejudice.

1. (Canceled)

2. (Currently Amended) ~~The method of claim 1,~~ A method of determining a relative position and orientation between a base camera and a non-base camera, comprising:  
measuring a path of an object with the base camera in a base coordinate frame;  
measuring the object path with the non-base camera in a non-base coordinate frame;  
calculating transformation parameters based on the object path; and  
applying the transformation parameters to the object path measured by the non-base camera such that the object path measured by the non-base camera is expressed in the base coordinate frame;  
wherein the object path is a path of a person moving around a scene.

3. (Currently Amended) The method of claim 4 2, wherein calculating transformation parameters comprises performing matching of data measured by the base and non-base cameras.

4. (Original) The method of claim 3, wherein data matching is used to solve a set of transformation equations.

5. (Original) The method of claim 4, wherein data matching comprises selecting a time value and matching points of the object path as measured by the base camera at the time value with points of the object path as measured by the non-base